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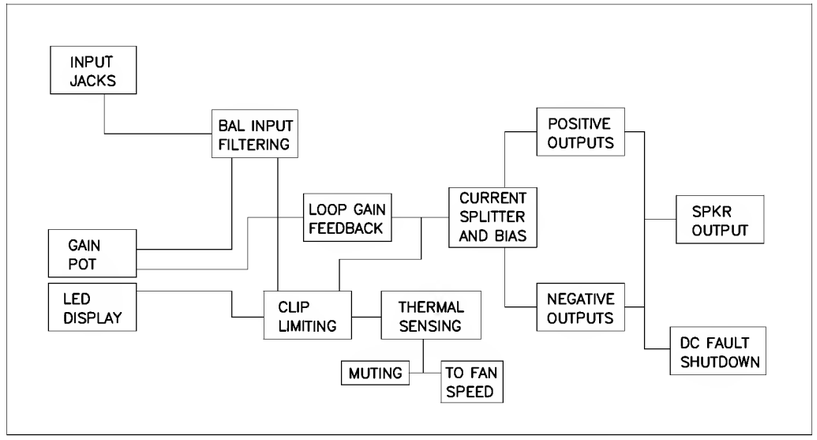
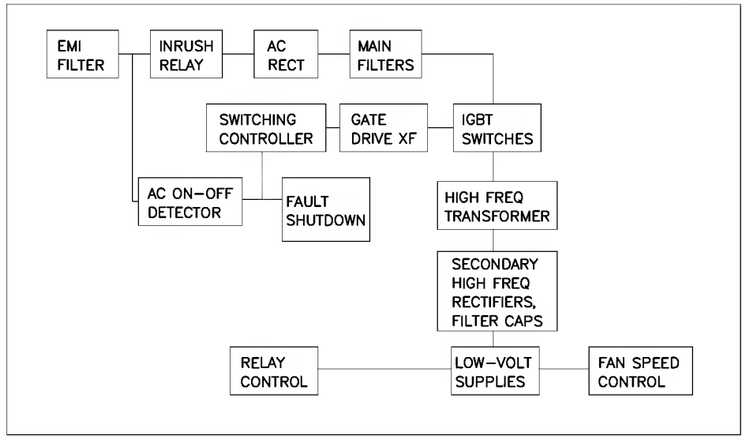
REVISION

REV	DESCRIPTION	EFF. DATE	CHK	APPROVED/DATE
A	PRODUCTION RELEASE PER ECO 7030	2-17-06	RAB	DD
B	REVISED PER ECO 7067	3-10-06	RAB	DD
C	REVISED PER ECO 7089	3-16-06	RAB	DD
D	REVISED PER ECO 7094	3-22-06		DD



CHANNEL A AND B AUDIO CIRCUITS

SHEET 2



SWITCHING POWER SUPPLY

SHEET 3

TABULATION BLOCK

VERSION	T3	CB	J400, 401	C400	L400	R400, 401
120V	XF-183	15A	N/A	N/A	N/A	N/A
100V	100V	15A	N/A	N/A	N/A	N/A
230V	XF-183	8A	CO-000009-ZT	CA-518001-00	XF-271	RE-005606-10

8. ZENER TOLERANCE IS 5%
7. SMT CAPACITOR VOLTAGE IS 50V
6. SMT RESISTOR WATTAGE RATING IS 0.1W
5. RESISTOR WATTAGE RATING IS 1/4W
   FOR RESISTOR WATTAGE RATINGS GREATER THAN 1W, TOLERANCE IS 5%
   FOR RESISTOR WATTAGE RATINGS LESS THAN 1/2W, TOLERANCE IS 1%
4. THROUGH-HOLE FILM AND CERAMIC CAPACITOR TOLERANCE IS 10%, VOLTAGE IS 100V
3. ELECTROLYTIC CAPACITOR TOLERANCE IS 20%
2. COMPONENTS WITH VALUE PREFIXED WITH A "^" REPRESENT SMT COMPONENTS.
1. THIS DRAWING USED IN CONJUNCTION WITH PC-001810-00.PCB.

QTY	ITEM NO.	PART NO.	DESCRIPTION	VENDOR

PARTS LIST

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. DIMENSIONS PER ANSI Y14.5-1982
TOLERANCES ARE:
DECIMALS .XX ± DECIMALS .XXX ± ANGLES 0
DEBURR EDGES .XXX R MAX
MATERIAL
FINISH
DO NOT SCALE DRAWING

CONTRACT NO.

APPROVALS	DATE
DRAWN PAT QUILTER	2-13-2006
CHECKED R. BECKER	2-16-06
ISSUED D. DELARM	2-17-06
CAD SEED FILE NO.	Wed Mar 22, 2006

QSC AUDIO PRODUCTS, INC.
COSTA MESA, CALIFORNIA

SCHEMATIC DIAGRAM
PLX1104

SIZE D | FSCM NO. | DWG NO. SH-001105-00 | REV D
SCALE NONE | CAD FILE NO. SH-001105-00-RevD.sch | SHEET 1 OF 3

DWG NO. SH-001105-00
REV D
SH 1

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GAIN–A

GAIN–B

LED–SIGNAL DISPLAY

BALANCED INPUTS 1.2V

BALANCED INPUT AND FILTER – CH A

TO GAIN–A

THERMAL AND CLIP LIMIT–A

THERMAL AND CLIP LIMIT–B

THERMAL SENSING AND MUTING–A

POS STEP–A

POS OUTPUT–A

SOA–A

BIAS TRIM

NEG OUTPUT–A

NEG STEP–A

BALANCED INPUTS 1.2V

BALANCED INPUT AND FILTER – CH B

TO GAIN–B

THERMAL SENSING AND MUTING–B

POS STEP–B

POS OUTPUT–B

SOA–B

BIAS TRIM

NEG OUTPUT–B

NEG STEP–B

DC FAULT TRIGGER

SIZE	FSCM NO.	DWG NO.	REV
D		SH–001105–00	D
SCALE		CAD FILE NO. SH–001105–00–RevD.sch	SHEET 2 OF 3

D_REV 2_SH SH–001105–00_DWG NO.

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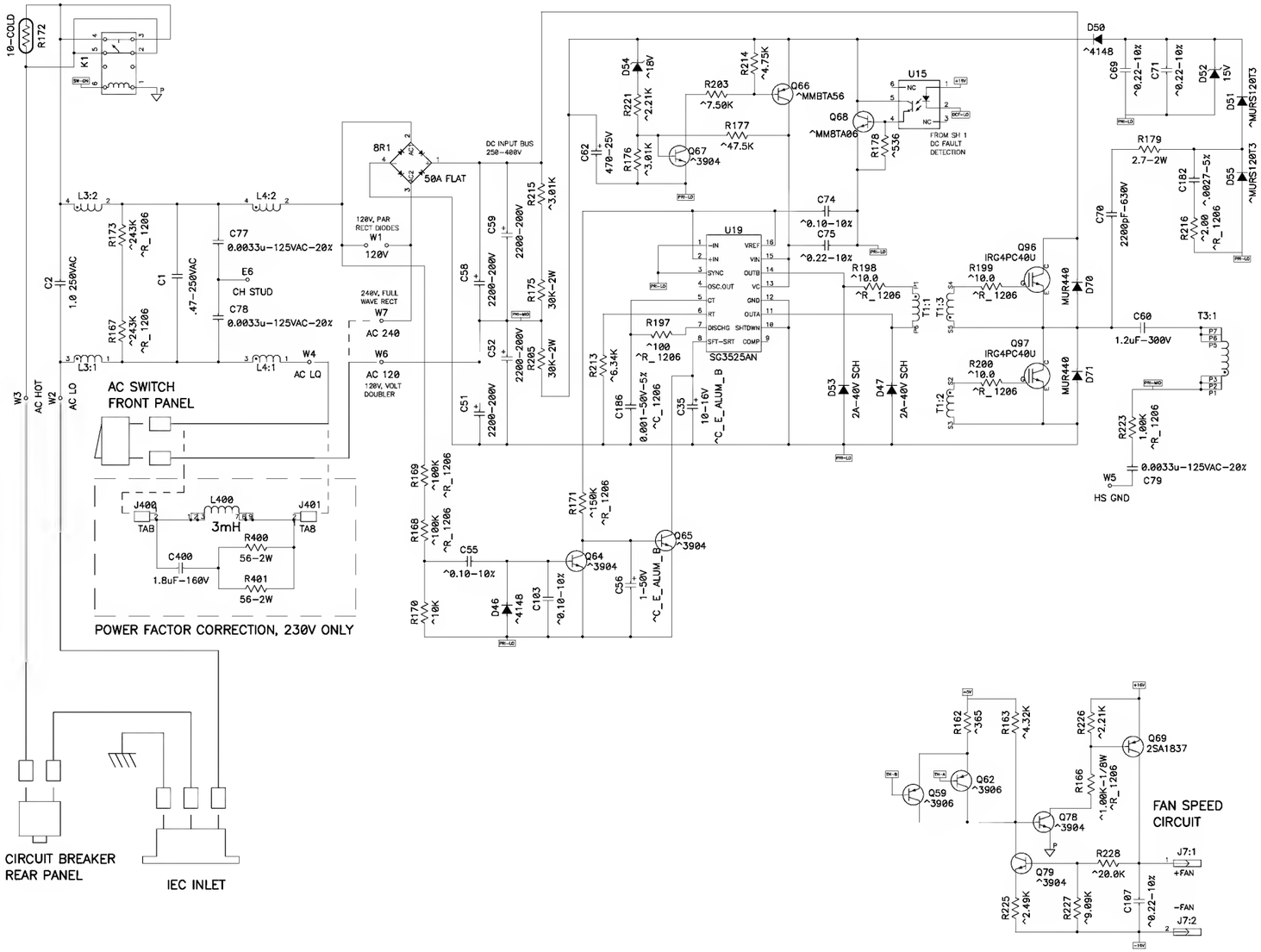
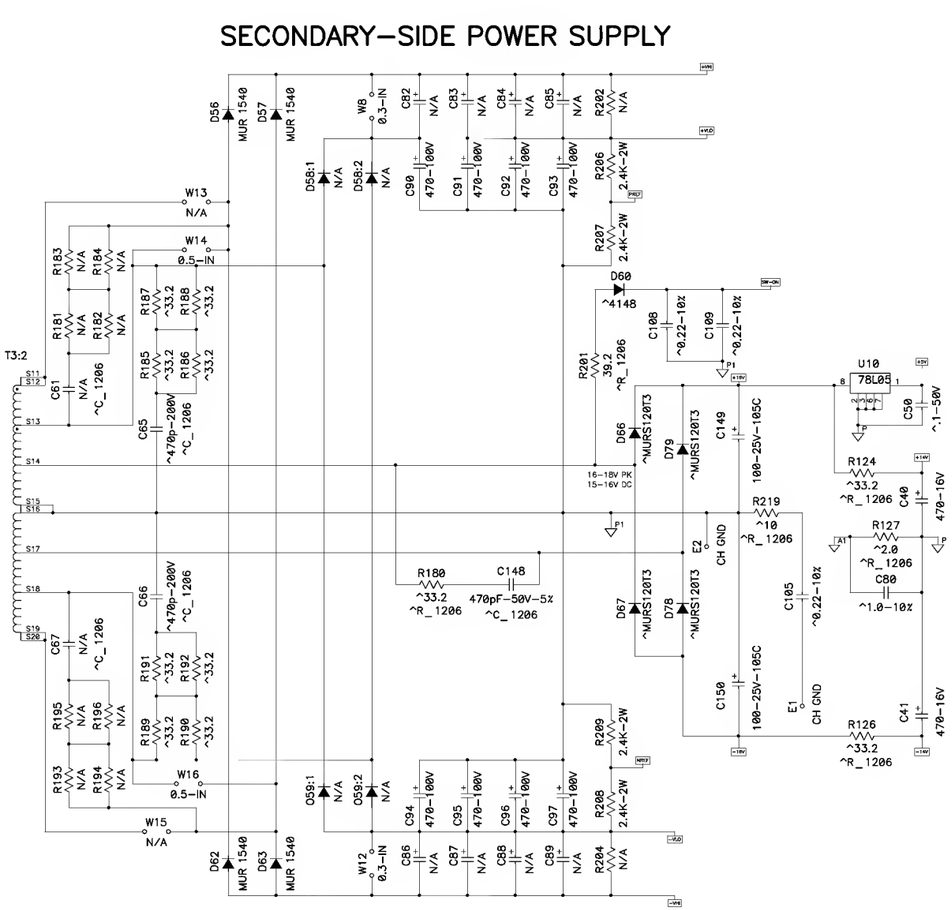
HIGH FREQUENCY POWER SUPPLY



SECONDARY-SIDE POWER SUPPLY



CIRCUIT BREAKER
REAR PANEL

IEC INLET

SIZE	FSCM NO.	DWG NO.	REV
D		SH-001105-00	D
SCALE NONE	CAD FILE NO. SH-001105-00-RevD.sch	SHEET 3 OF 3	